

Build a Cell

Name: _____

Due Date: February 7

Communication	Knowledge	Application	Inquiry	Total
/5	/5	/10	/5	/25

Objective: To better understand the structures that are present in animal and plant cells.

Assignment: You are expected to create a 3-D model of either a animal or a plant cell.

- This assignment can be done individually or in partners.
- Include all the organelles that we have learned about in class.
- Represent the organelles as accurately as possible.
- Don't go to a lot of expense for this project, use household items (pasta, cardboard, fabric...)
- Label each of the organelles either directly or using a legend.
- Write a brief explanation of what each part of the cell does.
- On a separate piece of paper, choose which organelle is least important and explain why it is not as useful at the other organelles.

The diagrams on pages 105 and 106 are a good start, but they do not include the organelles found on page 27. Make sure to include all of these parts of a cell.

Marking:

Communication: explanation of the parts of the cell

Knowledge: Proper use of names and terminology

Application: The building of the cell

Inquiry: Least important organelle question.



Cell: